

CEILING SYSTEMS

LINEAR

120 series

STRIP

A strip ceiling system designed for internal and external application, with closed groove & butt joint. Acoustics performance for internal system. Easy accessibility by sliding the strip out of the carrier. Progressive access to ceiling void. Offered in a wide range of sizes, colors & finishes.

FEATURES

MATERIAL

Aluminum Alloy as per EN AW 3000 or 5000 series.

Zinc Plated Galvanized Steel G90 grade.

THICKNESS

Aluminum: 0.45mm to 0.8mm.

Galvanized Steel: 0.45mm to 0.7mm

+ Custom thickness are available upon request

SURFACE FINISH

Plain
Perforated

SIZES

STRIP WIDTHS (mm):

RAM 121: 100/150/200/300

RAM 122: 200/300

PANEL DEPTH: 15mm

EDGE DETAIL:

RAM 121: Closed Groove (20mm)

RAM 122: Square Butt Joint

+ Custom sizes are available upon request

COATING

Polyester Coating: ((5 μ (Back) + 20 μ (Face))

Polyester Powder Coating: (70 μ -80 μ)

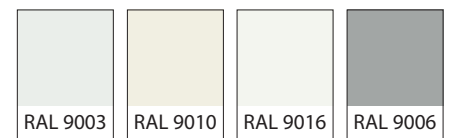
+ High Performance Coatings like PESDF, PVDF and POLYAMIDE are available upon request.

INSULATION

Acoustic Black Fleece is non-flammable and meets the standard DIN 4102 / B1. Classification A1 according to EN 13501-1.

Rockwool slabs conforming to ASTM C612 and equivalent BS 3958-5 are provided for acoustic insulation.

COLORS

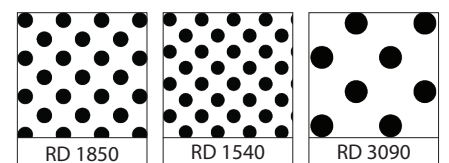


SPECIAL FINISHES



+ See www.rammatal.com for additional colors & special finishes available

PERFORATION PATTERNS



+ See www.rammatal.com for all available pattern options

DATA / PERFORMANCE



ACOUSTICS

Tested as per BS EN ISO 354: 2003 for sound absorption, noise reduction and sound attenuation.

NRC achieved with Acoustic Black fleece – NRC 0.75

NRC achieved with Acoustic Black Fleece and Rockwool Insulation – NRC 1.00

Tested as per ASTM E1414-11a for Airborne Sound Attenuation as per ISO 10848-2.

CAC can achieved up to – 48 dB

Perforated & Sound Attenuation cover



ANTI BACTERIAL COATING

Tested as per JIS Z 2801: 2000, which inhibits the growth of bacteria on the applied surface.



LIGHT REFLECTANCE (LR)

Achieved by the metal ceiling is LR – 0.85-0.96 tested as per ASTM E 1477.



WIND RESISTANCE

Tested as per ASTM E330-02.



FIRE PERFORMANCE

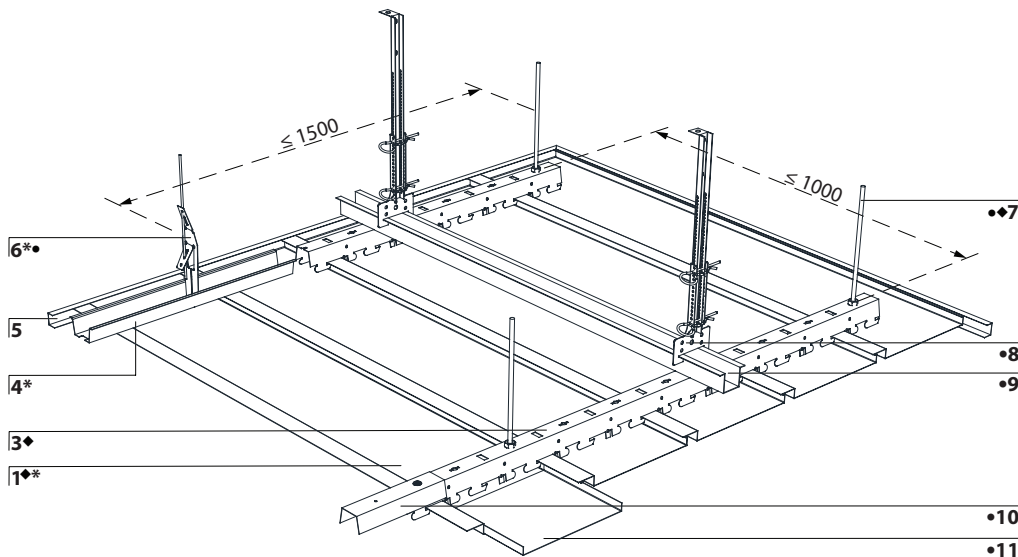
Surface Spread of flame Class 1 tested as per BS 476: Part 7: 1997

“Non-Combustible” Material tested as per BS 476: Part4: 1970

Flame Spread and Smoke Development Index tested as per ASTM E84 (Class 1 or A)

RAM 121 STRIP WITH CLOSED GROOVE RAM 122 STRIP WITH BUTT JOINT

ISOMETRIC DETAIL



COMPONENTS

- 1 Strip ♦♦
- 2 RAM-122 Main Carrier ♦
- 3 RAM-121 Main Carrier ♦
- 4 RAM-121 Main Carrier *
- 5 Wall Trim
- 6 Adjustment Clip ♦♦
- 7 Threaded Rod ♦♦
- 8 Rigid Hanging System ♦
- 9 Stabilizer ●
- 10 S Splice ●
- 11 C Splice ●
- 12 Wedge ●

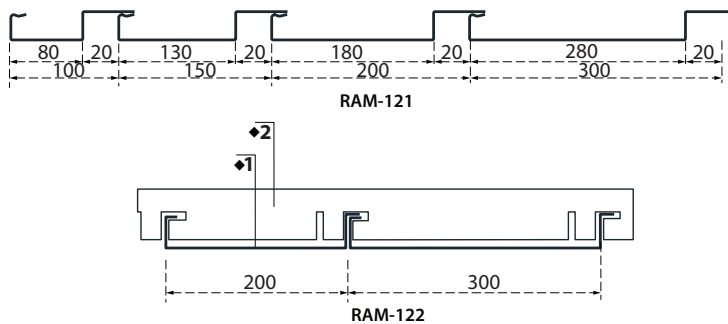
♦ For external application

* For internal application

● Optional

Custom sizes can be offered

PANEL STRIP MODULES



JOINT DETAIL



PERIMETER OPTIONS

